Name:

*Mr. Tiénou-Gustafson, Mr. Bielmeier*

Geometry, Period

Due Date: Mon, 22 Sep 2014

**Geometry**

**Homework**



**Failure to show work on all problems or use complete sentences will result in a LaSalle.**

**Do you know…**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Foundations of Geometry?**  **Score \_\_ / 4** |  | | | 1. Which points are coplanar?  2. Give two names for line *h*.  3. Name two points that are not collinear.  4. True or False: Points A, B, and F are coplanar. *Explain*! | |
| **Line Segments?**  **Score \_\_ / 2** |  | | | 5. Find x.  6. Find MN. | |
| **Distance and Absolute Value?**  **Score \_\_ / 4** | On a number line, point A is located at -8, point B is located at  -4, and point C is located at 12.  7. Draw a number line. | | 8. What is the length of AB?  9. How much longer is Segment AC than AB?  10. Which two points satisfy the equation |x – 4| = 8? | |
| **Segment Bisector?**  **Score \_\_ / 2** | Point M is the midpoint GH (splits GH in two equal parts) | | | 11. Find x.  12. Find the length of GH. | |
| 13) Graph the following equation: **y = 7x - 6**    Slope: \_\_\_\_\_\_  Sketch:  Y-Intercept: \_\_\_\_ | | 14) Carlos traveled from Chicago (3, 5) to Evanston (10, 19). At the same time, his sister, Alejandra, traveled from Skokie (11, 21) to Springfield  (15, 29). Did the siblings’ paths cross during their travels? *Justify* your answer through numbers ***and*** words! | | | |
| 15) Yvette has 5 more nickels than dimes. If the value of her money is $1.30, how many coins of each kind does she have? | | 16) If *y* = -4*x* + 11, and 3*x* + *y* = 9, what is the value  of *y*? | | | |

REVIEW YOUR NOTES!!!